AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method for packing agricultural produce comprising the steps of:

providing a package including a box having a plurality of ventilation apertures formed in at least one wall thereof, an interiorly disposed ~~water~~-vapor permeable ~~plastic~~-bag, and at least one sealable localized atmosphere communication aperture formed in a wall of said box and communicating with the interior of said bag and a sealing element, separate from said box and said bag, located in said at least one sealable localized atmosphere communication aperture, operative to seal said bag to said box;

providing at least one bag aperture in said at least one bag in general registration with said at least one sealable localized atmosphere communication aperture;

sealing said produce inside said at least one bag within said box, while leaving said at least one bag aperture and said at least one sealable localized atmosphere communication aperture open;

providing atmosphere treatment within said at least one bag via said at least one bag aperture and said at least one communications aperture; and

sealing said at least one bag aperture and said at least one sealable localized atmosphere communications aperture, said sealing comprising attaching a cap over said at least one bag aperture and said at least one sealable localized atmosphere communications aperture from the outside of said box.

2. (Original) A method for packing agricultural produce according to claim 1 and wherein said atmosphere treatment comprises vacuum cooling.

3. (Original) A method for packing agricultural produce according to claim 1 and wherein said atmosphere treatment comprises fumigation.

4. (Original) A method for packing agricultural produce according to claim 1 and

wherein said atmosphere treatment comprises gas treatment.

5. (Original) A method for packing agricultural produce according to claim 2 and wherein said atmosphere treatment comprises fumigation.

6. (Original) A method for packing agricultural produce according to claim 2 and wherein said atmosphere treatment comprises gas treatment.

7. (Original) A method for packing agricultural produce according to claim 3 and wherein said atmosphere treatment comprises gas treatment.

8. (Previously Presented) A method for packing agricultural produce according to claim 1 and wherein said at least one communication aperture is formed in a sealing layer attached to said wall of said box.

9. (Previously Presented) A method for packing agricultural produce according to claim 1 and wherein said bag comprises a gas permeable bag.

10. (Previously Presented) A method for packing agricultural produce according to claim 1 and wherein said bag comprises a gas permeable bag having selected permeability characteristics adapted to a given type of produce.

11. (Previously Presented) A method for packing agricultural produce according to claim 1 and wherein said providing at least one bag aperture comprises:

inserting said bag into said box;

at least partially filling said bag with said produce;

attaching said bag to said box adjacent said at least one communication aperture; and

forming an aperture in said bag generally in registration with said at least one communication aperture.

12. (Previously Presented) A method for packing agricultural produce according to

claim 8 and wherein said providing at least one bag aperture comprises:

inserting said bag into said box;

at least partially filling said bag with said produce;

attaching said bag to said box adjacent said at least one communication aperture; and

forming an aperture in said bag and said sealing layer in a single operation.

13-16. (Cancelled)

17. (Currently Amended) A system for packing agricultural produce comprising:

at least one package including a box having a plurality of ventilation apertures formed in at least one wall thereof and at least one sealable localized atmosphere communication aperture formed in a wall thereof;

at least one ~~water~~ vapor permeable ~~plastic~~ bag within said box, said at least one bag having at least one bag aperture in general registration with said at least one sealable localized atmosphere communication aperture and being adapted for containing said produce inside said at least one vapor permeable ~~flexible controlled permeability~~ bag within said box, while leaving said at least one bag aperture and said at least one sealable localized atmosphere communication aperture open;

a sealing element, separate from said box and said bag, located in said at least one sealable localized atmosphere communication aperture, operative to seal said bag to said box;

treatment functionality, operative for providing atmosphere treatment within said at least one bag via said at least one bag aperture and said at least one sealable localized atmosphere communication aperture; and

a cap operative to seal ~~sealing functionality for sealing~~ said at least one bag aperture and said at least one sealable localized atmosphere communication aperture.

18. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises vacuum cooling.

19. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises fumigation.

20. (Original) A system for packing agricultural produce according to claim 17 and wherein said atmosphere treatment comprises gas treatment.

21. (Original) A system for packing agricultural produce according to claim 18 and wherein said atmosphere treatment also comprises fumigation.

22. (Original) A system for packing agricultural produce according to claim 18 and wherein said atmosphere treatment also comprises gas treatment.

23. (Original) A system for packing agricultural produce according to claim 19 and wherein said atmosphere treatment also comprises gas treatment.

24. (Previously Presented) A system for packing agricultural produce according to claim 17 and wherein said at least one communication aperture is formed in a sealing layer attached to a wall of said box.

25. (Previously Presented) A system for packing agricultural produce according to claim 17 and wherein said bag comprises a modified atmosphere bag.

26. (Previously Presented) A system for packing agricultural produce according to claim 17 and wherein said bag comprises a gas permeable bag having selected permeability characteristics adapted to a given type of produce.

27. (Previously Presented) A system for packing agricultural produce according to claim 17 and wherein said at least one bag aperture is formed in said bag in general registration with said at least one communication aperture by the following functionality:

inserting said bag into said box;

at least partially filling said bag with said produce;

attaching said bag to said box adjacent said at least one communication aperture; and

forming an aperture in said bag generally in registration with said at least one communication aperture.

28. (Previously Presented) A system for packing agricultural produce according to claim 26 and wherein said at least one bag aperture is formed in said bag in general registration with said at least one communication aperture by the following functionality:

inserting said bag into said box;

at least partially filling said bag with said produce;

attaching said bag to said box adjacent said at least one communication aperture; and

forming an aperture in said bag generally in registration with said at least one communication aperture.

29-33. (Cancelled)